Set	Items	Description	
S1	114	(COMPOUND OR CONCATENATED OR COMPOSITE)(N)(KEY OR KEYS) OR	
	(	PLURAL TWO OR SECOND OR 2ND OR MANY OR MORE(N) ONE OR MULTI OR	
		MULTIPLE OR SEVERAL) (N) ATTRIBUTE? (N) (KEY OR KEYS)	
S2	3344	(UNIQUE? OR NONREPEAT? OR SPECIFIC OR INDIVIDUAL) (N) (ID OR	
	I	DENTIFIER OR LABEL)	
S3	183776	DB OR DATABASE? OR RDB OR RDBMS OR DBMS OR DATABANK? OR DA-	
	T	A()(BASE? OR BANK?)	
S4	830577	ATTRIBUTE? OR CHARACTERISTIC? OR METADATA OR META()DATA OR	
	F	'IELD()(TYPE OR DEFINITION OR ID OR IDENTIFIER?)	
S5	802618	INDEX? OR TABLE? OR MATRIX OR MATRICES OR TUPLE? OR ROW(N) -	
	C	OLUMN	
S6	2	S1 AND S2	
S7	15	S1 AND (UNIQUE? OR NONREPEAT? OR SPECIFIC OR INDIVIDUAL)	
S8	0	S1 AND S2 AND S4 AND S5	
S9	1	S1 AND S4 AND S5	
S10	50	S2 AND S4 AND S3	
S11	28	S2 AND S4 AND S5	
S12	89	S6 OR S7 OR S9 OR S10 OR S11	
S13	.71	S12 AND IC=G06F	
S14	5	S13 AND IC=G06F-007	
S15	43	S6 OR S7 OR S11	
S16	31	S15 AND IC=G06F	
S17	34	S14 OR S16	
S18	34	IDPAT (sorted in duplicate/non-duplicate order)	
S19	34	IDPAT (primary/non-duplicate records only)	
File	347:JAPIC	Nov 1976-2005/Āpr(Updated 050801)	
		005 JPO & JAPIO	
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200549			
	(c) 2	005 Thomson Derwent	

19/5/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015626068 \*\*Image available\*\*
WPI Acc No: 2003-688239/200365

XRPX Acc No: N03-549828

Object classification method e.g. for digital photograph image, involves storing and searching information for unique identifier in database based on descriptors, categories and set comprising categories selected by user

Patent Assignee: ASHBY G H (ASHB-I); SCHULDT M E (SCHU-I)

Inventor: ASHBY G H; SCHULDT M E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
US 20030120673 A1 20030626 US 2001343861 P 20011221 200365 B
US 2002327578 A 20021220

Priority Applications (No Type Date): US 2001343861 P 20011221; US 2002327578 A 20021220

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

NOVELTY - The objects having attributes perceived by a user are selected corresponding to set of categories. The objects are entered into a collection by linking the objects with a collection name. The information selected to support indexing is stored and searched for an unique identifier in database based on the descriptors, categories and the set selected by the user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method for locating objects.

USE - For classifying objects e.g. digital photograph images, audio recordings, video recordings, digital text files and other files stored in electronic devices such as digital cameras, video recorders, music player and computing devices.

ADVANTAGE - Enables the user to arbitrarily define a schema of classification according to perceptions, links, and also enables reverse editing changes.

DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram of the object classification method.

pp; 20 DwgNo 7/11

Title Terms: OBJECT; CLASSIFY; METHOD; DIGITAL; PHOTOGRAPH; IMAGE; STORAGE; SEARCH; INFORMATION; UNIQUE; IDENTIFY; **DATABASE**; BASED; DESCRIBE; CATEGORY; SET; COMPRISE; CATEGORY; SELECT; USER

Derwent Class: T01

International Patent Class (Main): G06F-007/00

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(Item 9 from file: 350)
19/5/9
DIALOG(R) File 350: Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.
             **Image available**
015179173
WPI Acc No: 2003-239703/200323
XRPX Acc No: N03-190876
  Recorder has generator which divides attribute information of generated
  file into fixed and variable data length information, correlates and
  assigns divided information items into different file areas
Patent Assignee: SONY CORP (SONY
                                 )
Inventor: ARIDOME K; HIRABAYASHI M; ISHIZAKA T
Number of Countries: 029 Number of Patents: 006
Patent Family:
Patent No
              Kind
                     Date
                             Applicat No
                                             Kind
                                                    Date
                                                             Week
               A1 20030220
WO 200315098
                                                  20020726
                                                            200323
                             WO 2002JP7621
                                             Α
                                                  20010808
JP 2003059236 A
                   20030228
                             JP 2001240243
                                              Α
                                                            200325
CN 1473334
               Α
                   20040204
                             CN 2002802913
                                              Α
                                                  20020726
                                                            200427
                                                  20020726
                                                            200430
EP 1416489
               A1 20040506
                             EP 2002753207
                                              Α
                             WO 2002JP7621
                                              Α
                                                  20020726
KR 2004021568 A
                   20040310
                             KR 2003704902
                                              Α
                                                  20030407
                                                            200444
                             TW 2002117694
                   20040611
                                                  20020806
TW 591622
               Α
                                              Α
                                                            200506
Priority Applications (No Type Date): JP 2001240243 A 20010808
Patent Details:
Patent No Kind Lan Pg
                         Main IPC
                                     Filing Notes
WO 200315098 A1 J 59 G11B-027/00
   Designated States (National): CN KR US
   Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
   IE IT LU MC NL PT SE SK TR
JP 2003059236 A
                    20 G11B-027/00
CN 1473334
              Α
                       G11B-027/00
                       G11B-027/00
                                     Based on patent WO 200315098
EP 1416489
              A1 E
   Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
   IE IT LI LU MC NL PT SE SK TR
KR 2004021568 A
                       G11B-027/10
TW 591622
             Α
                       G11B-027/00
Abstract (Basic): WO 200315098 A1
    NOVELTY - A generator (15) generates an index file (IF) containing areas assigned with unique identifier . The generator
    divides file attribute information to fixed and variable data length,
    correlates and assigns divided information items into different file
    areas, as fixed and variable data length area groups. The recorder
    records IF information to a recording medium.
        DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
    following:
        (1) file index information recording method; and
        (2) recorded medium storing file index information.
        USE - For recording file index information.
        ADVANTAGE - None given.
        DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the
    recorder. (Drawing includes non-English language text).
        file generator (15)
        pp; 59 DwgNo 1/12
Title Terms: RECORD; GENERATOR; DIVIDE; ATTRIBUTE; INFORMATION; GENERATE;
  FILE; FIX; VARIABLE; DATA; LENGTH; INFORMATION; CORRELATE; ASSIGN; DIVIDE
  ; INFORMATION; ITEM; FILE; AREA
Derwent Class: T01; W04
International Patent Class (Main): G11B-027/00; G11B-027/10
International Patent Class (Additional): G06F-012/00; G11B-020/10;
  G11B-020/12; H04N-005/225; H04N-005/76; H04N-005/91
File Segment: EPI
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(Item 11 from file: 350) 19/5/11 DIALOG(R)File 350:Derwent WPIX (c) 2005 Thomson Derwent. All rts. reserv. \*\*Image available\*\* 014584378 WPI Acc No: 2002-405082/200243 XRPX Acc No: N02-317995 Software development method for use in computer, involves associating meta - data including meta - data items with software components, and storing meta - data in component index on server Patent Assignee: CURL CORP (CURL-N) Inventor: BARBER C E; TERMAN C J Number of Countries: 096 Number of Patents: 002 Patent Family: Kind Date Applicat No Kind Date Week Patent No A2 20020404 WO 2001US30142 A 20010927 200243 WO 200227430 20020408 AU 200194753 20010927 200252 AU 200194753 Α Α Priority Applications (No Type Date): US 2000678178 A 20000928 Patent Details: Patent No Kind Lan Pg Main IPC Filing Notes WO 200227430 A2 E 56 G06F-000/00 Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW G06F-000/00 AU 200194753 A Based on patent WO 200227430 Abstract (Basic): WO 200227430 A2 NOVELTY - The collection of meta - data including meta - data data items such as component name, unique identifier, are associated with software components and stored in a component index on a server which is accessed through a network. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: (a) Computer system; (b) A set of component handling classes in an object-oriented system; (c) Computer language USE - For developing software such as CURL programming language for use in computers. ADVANTAGE - The unique identifier of the software component

ensures the import of the correct component.

DESCRIPTION OF DRAWING(S) - The figure shows a sample software system built using components.

pp; 56 DwgNo 3/13

Title Terms: SOFTWARE; DEVELOP; METHOD; COMPUTER; ASSOCIATE; META; DATA; META; DATA; ITEM; SOFTWARE; COMPONENT; STORAGE; META; DATA; COMPONENT; INDEX ; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-000/00

(Item 14 from file: 350) DIALOG(R)File 350:Derwent WPIX (c) 2005 Thomson Derwent. All rts. reserv. 014136684 \*\*Image available\*\* WPI Acc No: 2001-620895/200172 XRPX Acc No: N01-463265 Relational database system for object-oriented target, has succession relationship management table and instance identification management table having object-oriented structure Patent Assignee: TOSHIBA KK (TOKE ) Number of Countries: 001 Number of Patents: 001 Patent Family: Patent No Kind Date Applicat No Kind Date 200172 B JP 2001222460 A 20010817 JP 200029310 Α 20000207 Priority Applications (No Type Date): JP 200029310 A 20000207 Patent Details: Patent No Kind Lan Pg Main IPC Filing Notes JP 2001222460 A 16 G06F-012/00 Abstract (Basic): JP 2001222460 A NOVELTY - Relational database (3) has management table (21) having succession relationship management table defining the attributes of top and other classes of relational database, based on succession relationship rule and instance ID management table managing the instance ID uniquely specifying the instance showing the actual condition based on each class. Each table has object-oriented structure. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for recording medium. USE - For object-oriented target. ADVANTAGE - Avoids performance degradation by maintaining the object-oriented structure of the relational database and records the program generating an instance easily.  ${\tt DESCRIPTION\ OF\ DRAWING(S)\ -\ The\ figure\ shows\ the\ block\ diagram\ of\ }}$ relational database system. (Drawing includes non-English language text). Relational database (3) Management table pp; 16 DwgNo 1/24 Title Terms: RELATED; DATABASE; SYSTEM; OBJECT; ORIENT; TARGET; SUCCESSION; RELATED; MANAGEMENT; TABLE; INSTANCE; IDENTIFY; MANAGEMENT; TABLE;

OBJECT; ORIENT; STRUCTURE

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-017/30

Derwent Class: T01

19/5/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX

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012298389

WPI Acc No: 1999-104495/199909

XRPX Acc No: N99-075418

Method for supporting LDAP multi-value attributes with relational tables - involves storing actual entry data in ldap - entry table so that SQL queries will use attribute table to locate entry EIDs which match filter expression, then, use EIDs to retrieve entry data from ldap - entry table

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ) Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week RD 417079 A 19990110 RD 98417079 A 19981220 199909 B

Priority Applications (No Type Date): RD 98417079 A 19981220

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

RD 417079 A 3 G06F-000/00

Abstract (Basic): RD 417079 A

The method involves mapping each LDAP attribute, which can be searched by a user, to an attribute relation consisting of two columns i.e EID and normalized attribute value. Each LDAP entry is assigned an unique identifier (EID). Base on the attribute syntax, the attributes are converted (or normalised) and stored in an attribute table so that SQL queries can be applied to the attribute values. The attribute table is used for mainly search operation to find the entries which match the filter criteria.

The actual entry data is stored in the LDAPENTRY table so that the SQL queries will use the attribute table to locate the entry EIDs which match the filter expression, then, use the EIDs to retrieve the entry data from the LDAPENTRY table. For reducing the overhead of going to DB2 server multiple times, a single query can be formed to perform all the required operations.

ADVANTAGE - Capability of providing multi-value support for LDAP and getting around the DB2 4K record limit.

Dwg.0/0

Title Terms: METHOD; SUPPORT; MULTI; VALUE; ATTRIBUTE; RELATED; TABLE; STORAGE; ACTUAL; ENTER; DATA; ENTER; TABLE; SO; SQL; QUERY; ATTRIBUTE; TABLE; LOCATE; ENTER; MATCH; FILTER; EXPRESS; RETRIEVAL; ENTER; DATA; ENTER; TABLE

Derwent Class: T01

International Patent Class (Main): G06F-000/00

(Item 21 from file: 350) 19/5/21 DIALOG(R)File 350:Derwent WPIX (c) 2005 Thomson Derwent. All rts. reserv.

\*\*Image available\*\* 011761986 WPI Acc No: 1998-178896/199816

XRPX Acc No: N98-141601

Relational database organisation method using hierarchical database outline - involves organising data in hierarchical outline with each data element in outline having key field where data related to each data element is stored in relational database with key field

Patent Assignee: LOCKHEED MARTIN CORP (LOCK )

Inventor: EXLEY F E; MASSELLE E; MCCOY G C; NICHOLSON S C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Kind Patent No Date Applicat No Kind Date Week 19980303 US 95472763 US 5724577 Α Α 19950607 199816 B

Priority Applications (No Type Date): US 95472763 A 19950607 Patent Details:

Patent No Kind Lan Pg US 5724577 A 8 Main IPC Filing Notes

8 G06F-017/30

Abstract (Basic): US 5724577 A

The user organisation and manipulation of data method involves prompting the user to enter a series of data elements as a heading in a hierarchical outline displayed on the display screen. A unique identifier is generated, which is unique to each heading in the hierarchical outline inputted by a user. The data is stored in a hierarchical database along with the unique identifier

The user is prompted to enter data in a relational database respectively related to each heading in a hierarchical outline. The unique identifier is generated as an indexable attribute for relational database, to each heading in the hierarchical outline to attribute for the which the data in a relational database inputted by a user in response to the prompt presented by the second display screen is related. The data is stored in the relational database including the unique identifier which serves as a pointer to link the hierarchical database and the relational database. Specified attributes in the relational database are search for in response to a user input and a corresponding subset of the hierarchical database is created using the unique identifier corresponding to the unique identifier for the specified attributes in the relational database.

ADVANTAGE - Combines power of outline database manager tool with relational database functions.

Dwg.2/4

Title Terms: RELATED; DATABASE; ORGANISE; METHOD; HIERARCHY; DATABASE; OUTLINE; ORGANISE; DATA; HIERARCHY; OUTLINE; DATA; ELEMENT; OUTLINE; KEY; FIELD; DATA; RELATED; DATA; ELEMENT; STORAGE; RELATED; DATABASE; KEY; FIELD

Derwent Class: T01

International Patent Class (Main): G06F-017/30

```
Set
        Items
                 Description
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S1
          498
              (PLURAL TWO OR SECOND OR 2ND OR MANY OR MORE(N) ONE OR MULTI OR
              MULTIPLE OR SEVERAL) (N) ATTRIBUTE? (N) (KEY OR KEYS)
S2
                 (UNIQUE? OR NONREPEAT? OR SPECIFIC OR INDIVIDUAL) (N) (ID -OR
             IDENTIFIER OR LABEL)
                DB OR DATABASE? OR RDB OR RDBMS OR DBMS OR DATABANK? OR DA-
S3
      1016684
             TA()(BASE? OR BANK?)
S4
                ATTRIBUTE? OR CHARACTERISTIC? OR METADATA OR META()DATA OR
             FIELD() (TYPE OR DEFINITION OR ID OR IDENTIFIER?)
                INDEX? OR TABLE? OR MATRIX OR MATRICES OR TUPLE? OR ROW (N) -
S5
      3299884
             COLUMN
S6
                 S1 AND S2
                S1 AND (UNIQUE? OR NONREPEAT? OR SPECIFIC OR INDIVIDUAL)
S7
           60
S8
            0
                 S1 AND S2 AND S4 AND S5
S9
           24
                 S1 AND S4 AND S5
S10
           24
                S2 AND S4 AND S3
                S2 AND S4 AND S5
S11
            8
                S6 OR S7 OR S9 OR S10 OR S11
S12
          111
S13
           88
                RD (unique items)
                S13 NOT PY>2002
           69
S14
                S14 NOT PD=20020306:20040306
S15 NOT PD=20040306:20050819
S15
           69
           69
S16
       8:Ei Compendex(R) 1970-2005/Jul W4
File
         (c) 2005 Elsevier Eng. Info. Inc.
      35:Dissertation Abs Online 1861-2005/Jul
File
         (c) 2005 ProQuest Info&Learning
      65:Inside Conferences 1993-2005/Jul W5
File
         (c) 2005 BLDSC all rts. reserv.
       2:INSPEC 1969-2005/Jul W4
File
         (c) 2005 Institution of Electrical Engineers
      94:JICST-EPlus 1985-2005/Jun W2
File
         (c) 2005 Japan Science and Tech Corp(JST)
File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Aug 04
         (c) 2005 The Gale Group
       6:NTIS 1964-2005/Jul W4
File
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File 144: Pascal 1973-2005/Jul W4
         (c) 2005 INIST/CNRS
      34:SciSearch(R) Cited Ref Sci 1990-2005/Jul W5
         (c) 2005 Inst for Sci Info
      62:SPIN(R) 1975-2005/May W4
File
         (c) 2005 American Institute of Physics
File
      99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul
         (c) 2005 The HW Wilson Co.
File
      95:TEME-Technology & Management 1989-2005/Jun W4
         (c) 2005 FIZ TECHNIK
File
      60:ANTE: Abstracts in New Tech & Engineer 1966-2005/Jul
         (c) 2005 CSA.
File
      57: Electronics & Communications Abstracts 1966-2005/Jul
          (c) 2005 CSA.
File 56: Computer and Information Systems Abstracts 1966-2005/Jul
         (c) 2005 CSA.
```

(Item 9 from file: 8) DIALOG(R) File 8:Ei Compendex(R) (c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

E.I. Monthly No: EIM8607-047593

Title: MULTIDIMENSIONAL DIGITAL HASHING SCHEME FOR FILES WITH COMPOSITE KEYS .

Author: Otoo, Ekow J.

Corporate Source: Carleton Univ, Ottawa, Ont, Can

Conference Title: Proceedings of ACM-SIGMOD 1985 International Conference on Management of Data.

Conference Date: 19850528 Conference Location: Austin, TX, USA

Sponsor: ACM, New York, NY, USA

E.I. Conference No.: 07358 Source: Publ by ACM, New York, NY, USA p 214-229

Publication Year: 1985

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8607

Abstract: A dynamic hashing method is presented for structuring files with multiple attribute keys. The method is essentially the multidimensional analogue of linear hashing developed by Litwin and Larson. Given a record of d attribute keys, the scheme called multidimensional digital hashing, applies the linear hashing technique independently to each of the attributes to derive d integer values. These values form a dtuple coordinate address of the home page of the record. A function, equivalent to the element allocation function of a d-dimensional extendible array of linear varying order and computable in time O(d), is used to map the d- tuple page address into a linear address space. Algorithms for insertions, deletions and the processing of partial-match and range queries are presented. (Author abstract) 22 refs.

Descriptors: \*DATA PROCESSING--\*File Organization; INFORMATION RETRIEVAL

SYSTEMS; COMPUTER PROGRAMMING--Algorithms

Identifiers: DYNAMIC HASHING METHODS; HASHING TECHNIQUES; HASHING **FUNCTIONS** 

Classification Codes:

723 (Computer Software); 723 (Computer Software)

(COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

(Item 1 from file: 2) DIALOG(R) File 2: INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

INSPEC Abstract Number: C2002-08-6160-008

Title: Design and implementation of the index manager for the main memory DBMS Tachyon

Author(s): Sang-Wook Kim; Sanghyun Park; Wan Choi; Man-Soon Kim

Author Affiliation: Dept. of Comput., Inf., & Commun. Eng., Kangwon Nat.

Univ., Chunchon, South Korea

Conference Title: Proceedings of the IASTED International Conference Informatics International Symposium on Software Engineering, Databases, and Applications p.473-8

Editor(s): Hamza, M.H.

Publisher: ACTA Press, Anaheim, CA, USA

Publication Date: 2001 Country of Publication: USA iv+526 pp.

Material Identity Number: XX-2002-00971 ISBN: 0 88986 322 9

Conference Title: Proceedings of the IASTED International Conference Applied Informatics. International Symposium on Software Engineering, Databases, and Applications

Conference Sponsor: IASTED
Conference Date: 18-21 Feb. 2002 Conference Location: Innsbruck, Austria

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The main memory DBMS (MMDBMS) efficiently supports various database applications that require high performance since it employs main memory rather than disk as primary storage. We discuss the experiences obtained in developing the **index** manager of the Tachyon, a next generation MMDBMS. An **index** manager is an essential sub-component of a DBMS used to speed up the retrieval of objects from a large volume of databases in response to a certain search condition. Previous research indexing proposed various index structures. However, they efforts on hardly dealt with the practical issues occurring in implementing an index manager on a target DBMS. We touch on these issues and present our experiences in developing the **index** manager of the Tachyon as solutions. The main issues touched are: (1) compact representation of an index entry, (2) support of variable-length keys, (3) support of multiple attribute keys , (4) support of duplicated keys, (5) concurrency control, and (6) backup and recovery. (14 Refs)

Subfile: C

Descriptors: concurrency control; database indexing; database management systems; information retrieval; storage management

Identifiers: index manager implementation; index manager design; main memory DBMS Tachyon; MMDBMS; database applications; primary storage; object retrieval; index structures; compact representation; index entry; variable-length keys; multiple - attribute keys; duplicated keys;

concurrency control; backup; system recovery
Class Codes: C6160 (Database management systems (DBMS)); C6120 (File organisation); C6150N (Distributed systems software); C7250R (Information retrieval techniques)

Copyright 2002, IEE

Set	Items	Description	
S1	356	(COMPOUND OR CONCATENATED OR COMPOSITE)(N)(KEY OR KEYS) OR	
•	•	PLURAL TWO OR SECOND OR 2ND OR MANY OR MORE(N)ONE OR MULTI OR	
	M	MULTIPLE OR SEVERAL)(N)ATTRIBUTE?(N)(KEY OR KEYS)	
S2	16569	(UNIQUE? OR NONREPEAT? OR SPECIFIC OR INDIVIDUAL) (N) (ID OR	
		DENTIFIER OR LABEL)	
S3	210133	DB OR DATABASE? OR RDB OR RDBMS OR DBMS OR DATABANK? OR DA-	
		A()(BASE? OR BANK?)	
S4	652779_	ATTRIBUTE? OR CHARACTERISTIC? OR METADATA OR META()DATA OR	
		ELD()(TYPE OR DEFINITION OR ID OR IDENTIFIER?)	
S5	785699	INDEX? OR TABLE? OR MATRIX OR MATRICES OR TUPLE? OR ROW(N) -	
		OLUMN	
S6	2	S1 (10N) S2	
S7	44		
-	_	OR INDIVIDUAL)	
S8	0	S1 (10N) S2 (10N) S4 (10N) S5	
S9	12		
S10	103		
S11	184		
S12		(S7 OR S10 OR S11) AND IC=G06F-007 S7 AND IC=G06F	
S13	31	S6 OR S9 OR S13 OR S12	
S14 S15	45 23	S14 NOT AD>20020306	
S15	32	S12 OR S15	
S17	23	S16 NOT AD>20020306	
	Le 348:EUROPEAN PATENTS 1978-2005/Jul W04		
rire		005 European Patent Office	
File		JLLTEXT 1979-2005/UB=20050804,UT=20050728	
		005 WIPO/Univentio	
	(0, 20	· · · · · · · · · · · · · · · · · · ·	

17/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

#### 01574901

A calculation engine for use in OLAP environments Eine Berechnungsmaschine zum Gebrauch in OLAP-Umgebungen Un moteur de calcul a utiliser dans des environnements OLAP PATENT ASSIGNEE:

Cognos Incorporated, (2436581), 3755 Riverside Drive, Ottawa, Ontario K1G 4k9, (CA), (Applicant designated States: all)

Edmunds, David Walter, 1362 Turner Crescent, Orleans, Ontario K1E 2Y4, (CA)

Minns, Robert, 2087 Riverside Drive, Ottawa, Ontario K1H 7X2, (CA) Sinclair, James Wallace, 970 Falaise Road, Ottawa, Ontario K2C 0M1, (CA) LEGAL REPRESENTATIVE:

Burke, Steven David et al (47741), R.G.C. Jenkins & Co. 26 Caxton Street, London SW1H ORJ, (GB)

PATENT (CC, No, Kind, Date): EP 1308852 Al 030507 (Basic)

APPLICATION (CC, No, Date): EP 2001309330 011102;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30; G06F-017/60

ABSTRACT WORD COUNT: 156

NOTE:

Figure number on first page: 2

LANGUAGE (Publication, Procedural, Application): English; English; FULLTEXT AVAILABILITY:

Available Text Language Update Word Count CLAIMS A (English) 200319 700 SPEC A 200319 (English) 5511 Total word count - document A 6211 Total word count - document B Total word count - documents A + B 6211

INTERNATIONAL PATENT CLASS: G06F-017/30 ...

## ... G06F-017/60

...SPECIFICATION combination of entities, one from each dimension. Within a data warehouse, each dimension is a **table** where each record contains a key (or a **composite key** ) to **uniquely** identify each entity and a list of **attributes** to qualify or describe the corresponding entity (or key). Each fact record in the fact...

(Item 1 from file: 349) 17/3,K/5 DIALOG(R) File 349: PCT FULLTEXT (c) 2005 WIPO/Univentio. All rts. reserv. \*\*Image available\*\* 00913817 A METHOD AND APPARATUS FOR TRANSFORMING DATA PROCEDE ET APPAREIL DE TRANSFORMATION DE DONNEES Patent Applicant/Assignee: A2i INC, Suite 255, 1925 Century Park East, Los Angeles, CA 0067, US, US (Residence), US (Nationality) Inventor(s): WEINBERG Paul N, 2160 Century Park East, #1905, Los Angeles, CA 90067, US LO Wenphing, 930 N. Monterey St. Apt. 200, Alhambra, CA 91801, US, LIU Zheng, 3751 Jasmine Avenue, Apt. 303, Los Angeles, CA 90034, US, HAZI Ariel, 11963 Victoria Avenue, Los Angeles, CA 90066, US, Legal Representative: HECKER Gary A (agent), The Hecker Law Group, 1925 Century Park East, Suite 2300, Los Angeles, CA 90067, US, Patent and Priority Information (Country, Number, Date): WO 200247463 A2-A3 20020620 (WO 0247463) Patent: WO 2001US48573 20011212 (PCT/WO US0148573) Application: Priority Application: US 2000255560 20001212; US 2001960902 20010920; US 2001960541 20010920 Designated States: (Protection type is "patent" unless otherwise stated - for applications prior to 2004) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW (EA) AM AZ BY KG KZ MD RU TJ TM Publication Language: English Filing Language: English Fulltext Word Count: 16311 Main International Patent Class: G06F-013/14

Main International Patent Class: G06F-013/14 International Patent Class: G06F-015/16 ...

... **G06F-015/17**Fulltext Availability:
Detailed Description

Detailed Description

... or updated with the transformed source record.

At step 160, embodiments of the invention match unique fields or field combinations (called "compound keys") to identify one or more destination records that correspond to each field of a source...class and match type between source data fields and destination data fields. Record matching against unique fields or fields combinations ("compound keys") is used to identify the one or more destination records that correspond to each source...table is a simple, rectangular, row/column arrangement of related data values.

Unique Field: a unique field (or field combination) is the key field (or

compound key field combination) for a record and uniquely identifies the record. A table may have more than one unique field (or field combination

(Item 9 from file: 349) 17/3,K/13 DIALOG(R) File 349: PCT FULLTEXT (c) 2005 WIPO/Univentio. All rts. reserv. \*\*Image available\*\* 00774499 METHOD FOR ORGANIZING DIRECTORIES PROCEDE D'ORGANISATION DE REPERTOIRES Patent Applicant/Assignee: ORI SOFTWARE DEVELOPMENT LTD, 30 Yavetz St., 65258 Tel Aviv, IL, IL (Residence), IL (Nationality), (For all designated states except: US) Patent Applicant/Inventor: SHADMON Moshe, 15 Lunz Street, 65221 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US) Legal Representative: REINHOLD COHN AND PARTNERS, P.O. Box 4060, 61040 Tel Aviv, IL Patent and Priority Information (Country, Number, Date): WO 200108045 A1 20010201 (WO 0108045) Patent: WO 99IL405 19990722 (PCT/WO IL9900405) Application: Designated States: (Protection type is "patent" unless otherwise stated - for applications prior to 2004) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG (AP) GH GM KE LS MW SD SL SZ UG ZW (EA) AM AZ BY KG KZ MD RU TJ TM Publication Language: English Filing Language: English Fulltext Word Count: 33994

Fulltext Availability: Detailed Description

### Detailed Description

... well as other infon-nation such as the record size. The search scheme of the index is oblivious to the meta - data . It locates the record from the designator (or composite ) key without using the meta - data .

The meta - data is required to construct the (composite) designator key and, once the record is retrieved, to...

17/3, K/15 (Item 11 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT

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00758776 \*\*Image available\*\*

METHOD AND APPARATUS FOR POPULATING MULTIPLE DATA MARTS IN A SINGLE AGGREGATION PROCESS

PROCEDE ET APPAREIL D'EQUIPEMENT DE PLUSIEURS MINIENTREPOTS DANS UN PROCESSUS UNIQUE D'AGREGATION

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Inventor(s):

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JOHNSTON R Blake, Piper Marbury Rudnick & Wolfe, P.O. Box 64807, Chicago, IL 60664-0807, US

Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US14497 20000524 (PCT/WO US0014497)

Priority Application: US 99317773 19990524

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English Fulltext Word Count: 11887

Main International Patent Class: G06F-015/00 International Patent Class: G06F-017/30

Fulltext Availability: Detailed Description

Detailed Description

... the star schema is the outcome of the dimension modeling process.

Each dimension is a **table** where each record contains a key (or a **composite key**) that **uniquely** identifies each entity and a list of **attributes** to qualify or describe the corresponding entity (or key). Each fact record in the fact...

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\*\*Image available\*\* 00566946

SYSTEM FOR KEYING PROTECTED ELECTRONIC DATA TO PARTICULAR MEDIA TO PREVENT UNAUTHORIZED COPYING USING ASYMMETRIC ENCRYPTION AND A UNIQUE IDENTIFIER OF THE MEDIA

SYSTEME DE CODAGE DE DONNEES ELECTRONIQUES PROTEGEES SUR UN SUPPORT PARTICULIER AFIN D'EMPECHER LA COPIE NON AUTORISEE PAR UN CRYPTAGE ASYMETRIQUE ET UN IDENTIFICATEUR UNIQUE DU SUPPORT

Patent Applicant/Assignee:

IOMEGA CORPORATION,

Inventor(s):

KUPKA Michael,

HAWKINS Michael L,

THOMAS Trent M,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200030319 A1 20000525 (WO 0030319)

Application: WO 99US25761 19991105 (PCT/WO US9925761)

Priority Application: US 98191666 19981113

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA CN JP SG AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE Publication Language: English Fulltext Word Count: 8547

International Patent Class: G06F-001/00 Fulltext Availability: Detailed Description Claims

### English Abstract

...pieces of media. The downloaded data may also be associated to the media by a compound key that includes the unique identifier of the media, a vendor identifier and a user identifier. The method and system establishes...

...media. The electronic data is encrypted and written to the media using either the aforementioned unique identifier or compound

# Detailed Description

... associates the protected electronic data to a particular piece of key using at least a unique storage media based on a composite identifier of the media.

BACKGROUND OF THE INVENTION Protection of copyrighted and other protected digitally stored...the manufacturing process.

Alternatively, the downloaded data may be associated to the media by a compound key that includes the unique identifier of the media, a vendor identifier and a user identifier to associate the electronic data

...media. The electronic data is encrypted and written to the media using either the aforementioned unique identifier or compound key .

I 0 Other features of the invention are described below.

BRIEF DESCRIPTION OF THE DRAWINGS...